Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 29 Jul 2021 until 23:59 on Friday 30 Jul 2021

Forecast Issued on Thursday 29 Jul 2021 at 03:50

Confidence: High confidence for the unsettled regime throughout the period, but low for shower details, especially for heavy showers or thunderstorms.

Headline for Thursday 29 Jul 2021: Unsettled, with further showers, locally heavy this morning.

Mountain weather hazards on Thursday 29 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain showers	Light rain showers	Light rain showers
Precipitation probability					
80%	70%	70%	60%	60%	60%

Forecast for Thursday 29 Jul 2021

Weather: A cloudy start with outbreaks of showery rain, locally heavy but only a low risk of thunder. Further showers likely though the afternoon, especially in the west. Rather breezy, with strong winds and locally gusty on the summits. Any showers will tend to ease during the evening, although it will stay rather cloudy.

Chance of cloud free mountain/hill tops above 600m: 30% chance during the morning, increasing to 70% chance in the afternoon.

Visibility: Very good, with distant hills clearly visible, but occasionally moderate or poor in rain, with cloud lowering to 600m or so at times.

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Mountain Weather Forecast

Forecast for Thursday 29 Jul 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/32 W	22/30 W	23/32 W	21/29 W	16/22 W	12/18 W	10/14 SW
300	14/30 W	15/29 W	15/28 W	14/27 W	11/21 W	7/16 W	6/12 SW
Valley	11/26 W	12/23 W	13/26 W	13/25 W	10/19 W	5/12 SW	3/9 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	10/7	12/8	12/8	11/8	11/8	10/8
300	12/9	12/10	14/12	14/12	14/12	13/12	12/11
Valley	13/11	14/12	15/13	16/14	15/14	14/14	14/14
Freezing Level*	2200m	2400m	2500m	2500m	2500m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some temporary hazardous conditions in any heavy showers this morning, giving flooded watercourses, but with only a low risk of thunderstorms or lightning strikes.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 29 Jul 2021	11.8mm	14.4mm	14.4mm

Forecast for Friday 30 Jul 2021

Weather: L

Patchy rain to start, perhaps becoming persistent and heavy for a time. Rain becoming more showery by afternoon, with the risk of the odd heavy shower or thunderstorm. Any showers will gradually ease in the evening.

Maximum wind: NE becoming NW 15-20mph.

Chance of cloud free mountain/hill tops above 600m: 30% becoming 60%.

Visibility: Moderate or poor with areas of cloud 400-600m, becoming good in the afternoon with cloud lifting 500-700m, but with further reductions of visibility in showers.

Temperature: **Valleys:** Plus 11 Celsius, becoming Plus 16 Celsius.
At 600m: Plus 09 Celsius, becoming Plus 13 Celsius.
Freezing level: Above the summits.

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